



TECHNOLOGICKÉ
CENTRUM PRAHA

MOŽNOSTI FINANCOVÁNÍ ROZVOJE (GEO)AI V HORIZONTU EVROPA

29. ledna 2025
Lenka Švejcarová





ZVEŘEJNĚNÍ VÝZEV V DUBNU 2025



EUROPEAN UNION

#HorizonEU

HORIZON
EUROPE

PILLAR 1
EXCELLENT SCIENCE

EUROPEAN RESEARCH
COUNCIL

MARIE SKŁODOWSKA-CURIE
ACTIONS

RESEARCH
INFRASTRUCTURES

PILLAR 2
GLOBAL CHALLENGES AND
EUROPEAN INDUSTRIAL
COMPETITIVENESS

CLUSTERS

- 1 HEALTH
- 2 CULTURE, CREATIVITY
AND INCLUSIVE SOCIETY
- 3 CIVIL SECURITY FOR SOCIETY
- 4 DIGITAL, INDUSTRY AND SPACE
- 5 CLIMATE, ENERGY AND MOBILITY
- 6 FOOD, BIOECONOMY, NATURAL
RESOURCES, AGRICULTURE AND
ENVIRONMENT

JOINT RESEARCH CENTRE

PILLAR 3
INNOVATIVE EUROPE

EUROPEAN INNOVATION
COUNCIL

EUROPEAN INNOVATION
ECOSYSTEMS

EUROPEAN INSTITUTE
OF INNOVATION
AND TECHNOLOGY

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

WIDENING PARTICIPATION AND SPREADING EXCELLENCE

REFORMING AND ENHANCING THE EUROPEAN R&I SYSTEM

Pracovní programy najdete ve [Funding Tenders portálu](#)

NAPIŠTE NÁM O DRAFTY VÝZEV UŽ DNES

Cluster 1:

AI for pandemics, Research on AI
GenAI in biomedicine

Cluster 2:

Research on AI development by
cultural and creative
industries

Cluster 3:

GenAI for cybersec
applications,
Preparedness to
climate extreme
events,
Autonomous
robotics for
high-risk conflict
zones,
Other

Cluster 4 - digital:

Sensor technologies,
Semiconductors
Quantum and HP
computing,
IoT-Edge-Cloud-HPC,
Software engineering,
Data ecosystems,
Robotics,
GenAI for Africa (agri),
GenAI for virtual worlds
Other

Cluster 4 - industry:

AI in manufacturing,
Construction,
Decarbonisation,
Energy efficiency,
Raw materials,
Advanced materials,
Textiles for the future,
Other

Cluster 4 - space:

AI/ML digital
transition of
Copernicus services:
AI for reanalyses of
climate change data,
Modelling
soil-vegetation-atmos
phere, Earth
observation for
telecommunications,
Space data economy,
Other



Cluster 5:

Forecasting of extreme weather events, Earth systems models, GenAI tools for EU energy system, AI for electricity grids monitoring, AI-edge for autonomous vehicles, AI to avoid road crashes, AI simulators in water/air/ /land transport,

Cluster 6:

Advancing impact of AI in bio-based value chains, Optimised aquatic/terrestrial products in AI era, Air quality modelling, Other

Research Infrastructures:

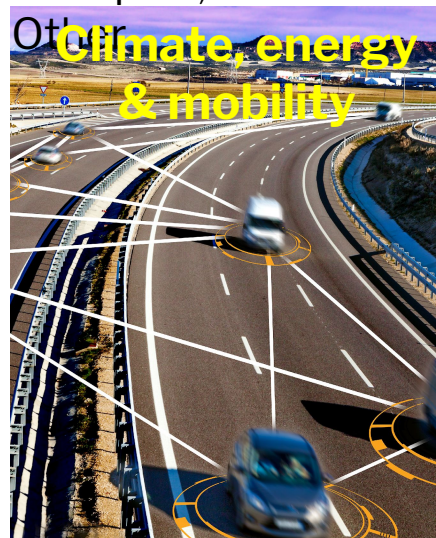
AI-powered simulations in support of Destination Earth, AI-generated twins for science

European Innovation Council (EIC):

Accelerator (SMEs): Creating European Champions in GenAI, in-space servicing, operations, robotics and technologies for EU space infrastructure
Pathfinder (all): Generative-AI for medical diagnosis and cancer treatment, Autonomous robots in

European Partnerships

Global competitive space systems, Water4All, Rescuing Biodiversity to Saveguard Life on Earth, Other. [See the list.](#)





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